

OREGON TUALATIN VALLEY



Feb. 1984
AMATEUR RADIO CLUB

Po Box 5132 Beaverton, Oregon 97006

EDITOR: AL BERG WB7SIC

Membership: 227

CIRCULATION 250

President:	Dave Parker	W7LJN	Trustee:	Al Berg	WB7SIC
Vice-Pres:	John Haide	WA7CZA	Trustee:	Randy Cobb	KA7HJT
Secretary:	Linda Cereghino	N7CZY	Trustee:	Warren Knight	N7BIJ
Treasurer:	John Burgess	N7DCQ	Trustee:	John Koenig	NB7W
			Trustee:	Jerry Norman	ND7T

MEETING: 2nd WEDNESDAY BEAVERTON ELKS AT 7:00 p.m. (Dinner at 6:30 p.m.)

MEETING PROGRAM: COMPLETE PROGRAM DETAILS CAN BE FOUND ON THE BACK PAGE.

MURPHY STRIKES: Just as with Berts first meeting as Prez, so did it happen to Dave. First was the non-operating PA system and if that wasn't enough, the meeting program film was seen in silent screen style. Friday the 13th hit two days early!! Other than that it was a GREAT meeting. The PA got fixed, LOTS of dinners were eaten, well over 100 in attendance and last of all, ADM didn't win a prize! The fifth trustee was elected, after a two time try and the lucky winner was Jerry Norman, ND7T. Jerry will be a real benefit to the club, as would any of the candidates. We had a good slate.

TWO MEETINGS THIS MONTH!

In ADDITION to our usual meeting at the Elks, we will have a second meeting. WHERE: Rock Creek PCC auditorium. WHEN: Feb. 15, the THIRD WEDNESDAY. WHY: By-Law and Constitution alteration presentation. This will be followed up with another THIRD WEDNESDAY meeting in MARCH to vote on the issues. To refresh memories and enlighten new members; we can make no changes in our By-Laws or Constitution except at a REGULAR meeting, which our papers say MUST be on the THIRD WEDNESDAY of the month. To overcome this handcuff to our club as well as a few others, we ask that you be present for a short discussion of the proposed changes. We MUST have one-third of our membership present to make this work. We ask your co-operation so that this long-standing problem might be over and done with. Sure, it's a bore to most members but it is something that must be done. The meeting time will be 7:00 pm. Again, our meeting at the Elks on the second Wednesday still stands.

VALENTINES SPECIAL EVENT: Be sure to check out the details on this NATIONALLY advertised event. Our very own contest committee is responsible for it and all info regarding it's operation can be found in this "letter." If you want to operate in it, give the spouse a bouquet of poison oak and when you get kicked out of the house, truck on over to one of the three stations in operation and do your thing. Have fun and make up later.....



BIG PROBLEM



Unless we come up with a volunteer and or volunteers, the newsletter as we know it, will be a thing of the past. We are losing our free ride in the copying department. For the past few months we have had a couple of guys

doing the copy with club purchased paper, which has been a very good deal for us as the paper was obtained at cost. BUT! We now have paper but no copier. We need someone who will make a machine available or several who would be willing to do one double sided page each month. I can't come up with any other solution to the problem.

As it is now, the ads pretty much pay for all of the postage. With a one sheet, double-sided letter we would be losing about \$75.00 per issue. No kidding! That is what a one page 'letter' would cost. Even if we had a volunteer willing to do a freebie one pager, the postage would run about \$50.00. Doing a simple letter would be a lot easier on me but I sure would hate to see it happen. How about you???

There will be no phone calls to anyone asking for help because nobody knows who has what available so if you can help, call Dave or myself ASAP! Thanks, I hope, to someone. WB7SIC

EDITOR BOO-BOOS: New member, Ben Beberness, KA7PWN was written up as Bob. Also, Mike Scheinberg, KA7QPE was listed as Schernberg. ALSO, Roger Noyes, KA7RNN was listed as KA7RRN. Well, if you're going to screw up you might as well do it up right. Sorry guys. Must get these darn gasses glasses cleaned!

ANOTHER 'GIFTED': Greg Milnes, W7AGQ, got awarded a nice new ICOM 751 for Christmas. His dad gave it to him. Greg must have been a very good boy. Heard that someone else in the club got a 751 but the old computer blew a fuse. I can't remember! Greg, good luck with the new rig.

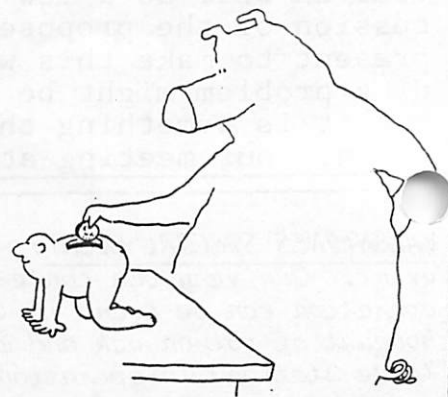
STOLEN RADIO REPORT: A Kenwood TR 2500 with a serial number of SN 3020423 was stolen from a car in Leavenworth, Washington on Nov. 26 of 1983. The loser was Chuck Edgar, K7CCW. If you happen to know the whereabouts, write or call. Phone is 503-223-8566 and address is 4106 SW Nehalem Court, Portland, Oregon. Zip is 97201. Thank you.

Some foreigners who had just arrived in the United States were hired by the telephone company to put up poles. At the end of the first day the boss asked them how many they had erected. They answered "two". "Two?" asked the boss. "The other unit put in 20". "Yes", they replied, "but they left theirs sticking out of the ground".

OTVARC BREAKFAST

The secret is out! OTVARC has a breakfast going on and hardly anybody knew about it. The following is a submission from Doc, KA7BSD. The monthly BREAKFAST was a howling success in Jan.. A beautiful Sunday morning was enjoyed by all of those happy faces. Our next OTVARC BREAKFAST will be back at the GINGER JAR by St. Vincents hospital on the 19th of February. which is a Sunday. All this occurs at the usual time of 9:30 am. Come to our next breakfast and get acquainted with the members. It is a real fun time with this group. Please let me know if you plan to attend. KA7BSD.

LIGHTHEARTED LEXICON Razor: Guy scraper





ACTIVITIES

FIELD DAY--PICNIC--PROJECT NIGHT--PUBLIC SERVICE--PROGRAMS
RUSTY KEY--HAPPY HOUR CONTEST--XMAS PARTY--HAM CLASSES--
EASTER EGG HUNT--CONVENTION--RAFFLES--CONTESTING--AND MORE

It's hard to be humble.



THE WINNERS

Thirty Four stations participated in October's RUSTY KEY, a good showing. Enough to keep most of us busy!

Only ONE Novice/Technician log was submitted (KA7NPN), looks like this is one prize that will be easy to win!

This is the first year the Antronics of Oregon MOST CONGENIAL OPERATOR trophy was awarded. This beautiful gold key will be in the possession of ND7T for one year and remains the property of OTVARC. (THANKS again to Pat & Stan)

STATION	SCORE	
K07B	92	WINNER
NB7W	92	WINNER
K7JF	56	RUNNER UP
ND7T	54	MOST CONGENIAL OPERATOR
K17F	38	
KD7LA	36	
KA7NPN	36	NOVICE HIGH SCORE.
K7VDQ	36	
WB7PXZ	30	
KD7KG	20	de KA7BSD, K7PSD, & W3XY

OLD MacDonald

Five amateurs were appearing on a TV quiz show and each of them were asked to complete the sentence, Old MacDonald had a

"Old MacDonald had an electronic keyer", answered the novice class licensee.

"Sorry, that is wrong", answered the host.

"Old MacDonald had a 16 element 2m beam", answered the technician class.

"Wrong", said the host.

"Old MacDonald had a Collins station", said the general class licensee.

"That, too, is the wrong answer", said the host.

"Old MacDonald had a 2kw amplifier", said the advanced class operator.

"Wrong", said the host.

"Old MacDonald had an antenna farm", said the guy with the extra class license.

"You are right", yelled the host. "And now for \$100,000 and all of the above equipment, spell farm".

"Easy", said the extra. "E I E I O"

MEETING ANNOUNCEMENTS

Our Presidente' is asking that anyone wishing to make an announcement at a meeting contact him PRIOR to the meeting. It will help out in meeting 'time management.' Thank you.

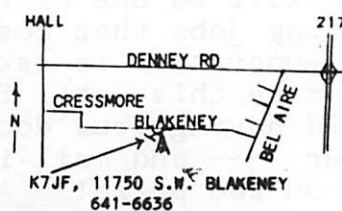
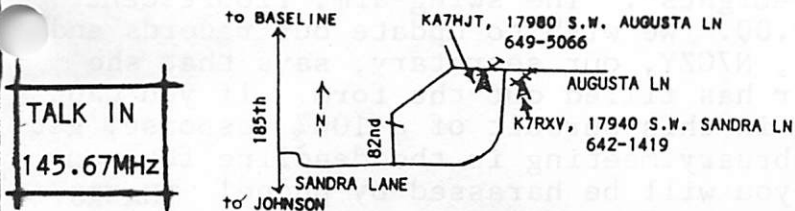


The Valentine's Day Special Event will be Sunday, February 12, from 9:00am to 7:00pm (local). OTVARC will be operating this event from three stations this year, KA7HJT, K7RXV, and K7JF.

FREQUENCIES OF OPERATION: 145.67MHz, 3.900, 7.280, 14.280, 21.360, & 28.510. Talk in and frequency co-ordination on 145.67MHz.

The certificates have been redesigned this year, thanks to K7PSD, and are really special. To earn your certificate, work one of the listed stations, and send us a QSL plus a green stamp (\$1).

This event is really exciting to operate, because the pileup is on the other end! It's an excellent opportunity for Novices and Technicians to operate HF phone, and an opportunity for Hams who don't own an HF station to get on the air. This event is always FUN!!





NEW MEMBERS

A Big OTVARC welcome to the following: Ron Brown, KA7QWK--Ralph Woodward, NF7N--Marion Clure, no call and Betty Hartzig, W7CPV. Ron is a Deputy Sheriff, Ralph is a retired microwave engineer, Marion is a secretary at OHSU and Betty is the editor of the OEN newsletter and lives in Grants Pass. Hmmm. Anyway, welcome to all. We hope that you will get yourself involved in club activities and thereby get acquainted much more quickly. Betty, by the way, has already offered her help with our Ore. State/ARRL Division Convention in June. SUPER!!

SOMEBODY'S MIXED UP (from ARNS)

Last year I asked a young lady to be my wife but she gave me a very decidedly negative answer. So, to get even, I married her mother. Then my father married the girl. Fine, except that when I married the girls mother, the girl became my daughter. When my father married the girl, he of course then became my son-in-law. Since my father married my daughter, she then became my mother, right? Now....If my father is my son and my daughter is my mother, who am I?? My brothers mother is my wife and therefore now must become my grandmother. So, being my grandmothers husband, then I must be my own grandfather! And there we are!

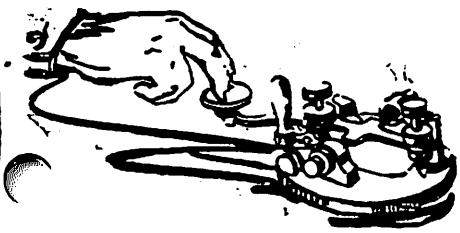
CALL CHANGES & UPGRADES



Congratulations to Katy LaPay, KA7QWJ, for moving up to the technician class and also to Lonna Stimson, KA7RFD, for doing the same. Nice going girls! Bob Buell, KA7RUL, also nailed his tech license. A recent article in Worldradio told of a paraplegic gal who used the Heathkit upgrade course and went from no license to extra in 139 days. WOW!! If we have missed any upgrades, give a call. No news-can't print it. Thanks.

LE' GOURMET: A very big thanks to the members response toward dining at the BPOE. The management was delighted and it came as no surprise that our membership would respond to the plea. If last months beg for diners was taken as a 'must do' situation, your editor apologizes. No member should feel coerced into eating dinner at the meeting. We just want you to be aware of what it takes to keep a nice meeting place. No matter where we settle, there are requirements. The only clubs that enjoy a 'no problem' meeting room are those that own their own building. Thanks for responding! By the way, the EXTRA ticket on the raffle, if you eat dinner, will be a continuing reward. It's like a gold star for brushing your teeth! Our younger members won't understand that comment.

SPECIAL PRIZE: The January issue contained a request for all members to fill out a membership form. The form was included in the 'Letter' so as to make it very simple to accomplish our need. Along with making it easy, a special prize was promised. The prize, to be given away at our coming meeting, will be one of those 'Luxo-Lights'. The swing-arm, fluorescent magnifying jobs that cost over \$70.00. We wish to update our records and your co-operation is asked. Linda, N7CZY, our secretary, says that she will pursue this until EVERY member has filled out the form. If you want to avoid having your doorbell rung in this pursuit of a 100% response, get off your ---- and mail it. The February meeting is the deadline for your chance on the prize!! After that you will be harassed by phone! **THANKS.**



A BIG THANKS

The response in bringing old callbooks to the meeting was very good and those of you who donated are to be thanked. No big scramble but all of the books did go out. Again, thank you!

A KILLER ALL BAND DIPOLE (KA7IOB)

The antenna about to be described is a real power carrier. It far outperforms a regular dipole and is very easy to build. A tuner must be used and especially on the higher bands. It matches best on 20m but works great on 10 thru 160m. It performs best if it is horizontal but it can be installed as an inverted V. As with most antennas, the higher the better. 55' and higher will give the ultimate in performance.

Take 102' of #14 stranded wire and split it in the middle with an insulator. Get out 31' of 300ohm twin lead and solder one wire to one leg at the insulator and do likewise with the other wire, on the other leg. Now get a random length of 52ohm coax (whatever it takes to reach the shack) and solder the center connector to one side of the twin lead and the braid to the other. Hang it high and stand back! Any ?? call 644-0517.

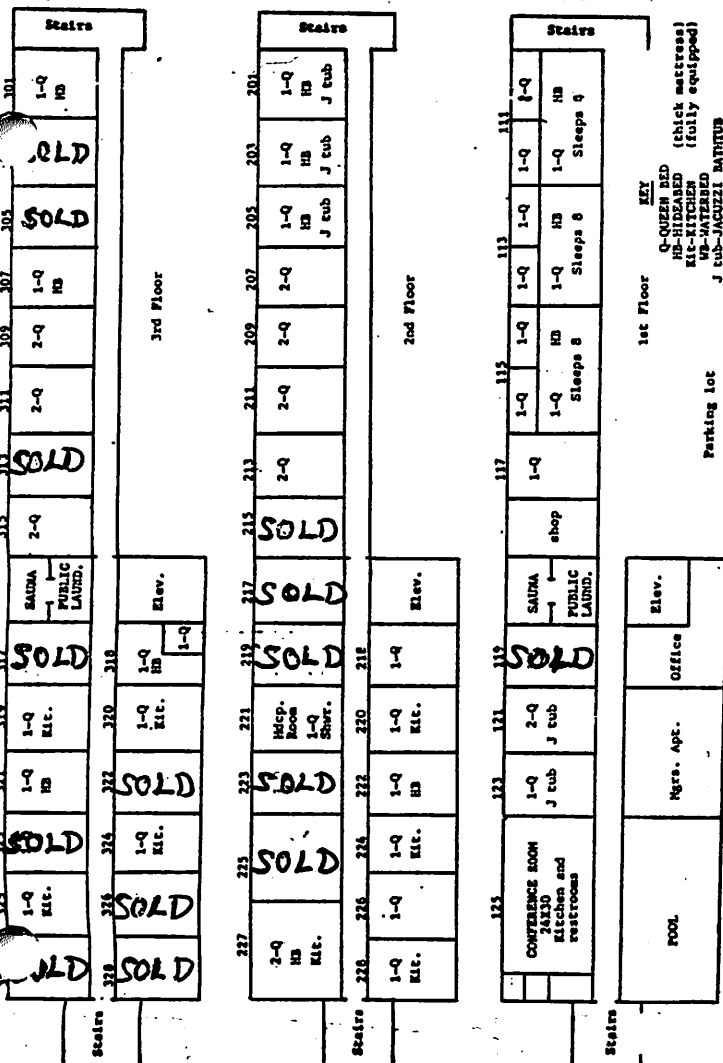
JUNE 1&2

CONVENTION

motel

JUNE 1&2

It is hoped that the membership will find this layout of use. The benefit of booking the motel is that by doing so we get the use of the conference room at no charge. If we have FCC testing, that will be the location. Other uses are planned as well so if you wish to be close to the action, please register ASAP. They will go fast.....



ROOMS AVAILABLE

PRICE SCHEDULE

7	1 QUEEN BED	\$39.00
7	1 QUEEN AND KITCHEN	\$44.00
1	1 WATER BED AND JACUZZI TUB	\$46.00
5	1 QUEEN AND HIDEAWAY	\$49.00
2	2 QUEEN BEDS	\$49.00
3	1 QUEEN, HIDEAWAY AND JACUZZI TUB	\$54.00
1	2 QUEEN AND JACUZZI TUB	\$54.00
2	2 QUEEN, HIDEAWAY AND KITCHEN	\$75.00
1	2 QUEEN, HIDEAWAY AND SEPARATE BEDROOM	\$65.00
2	1 QUEEN, SHOWER ONLY (HANDICAPPED ROOMS)	\$39.00
3	1 QUEEN AND HIDEAWAY WITH 2 BEDROOMS	\$85.00

AVAILABLE OPTIONS

SOME CONNECTING ROOMS	
ROLLAWAY	\$6.00
CRIBS	\$3.00

RESERVATION REQUIREMENTS

To reserve your room, one nights deposit is asked. This may be in the form of cash or by credit card. If using a card, all that is needed is your name, address, card number and expiration date. This can be done by mail, phone or direct. IMPORTANT: Your deposit is refundable by giving 48 hours notice before cancellation.

KITCHEN FEATURES

All kitchens are fully equipped with utensils, silver, pots and pans, toaster, coffee pot and dish soap.

MOTEL FEATURES

The motel is DIRECTLY ACROSS THE STREET FROM THE SEASIDE CONVENTION CENTER. On the first floor, next to the office, there are vending machines. Candy, pop, cigarettes and free ice are available. In the office, free cups of coffee are offered as well as pots at a charge of \$1.00. We have HBO in all rooms and the indoor pool features a Jacuzzi hot tub. Laundromat and sauna on first and third floors. Elevator, direct dial phones and, for your safety, a sprinkler system.

WHY BOOK AT THE LANDMARK INN

CONVENIENCE: One block to restaurants and two blocks from the arcades and shopping. Two blocks from the beach and one block to grocery stores.

CONFERENCE ROOM: We have a 24'x30' room to use for meetings, entertaining or for whatever purpose you desire. The room has a fully equipped kitchen and a restroom. Varied seating arrangements are possible. We furnish tables and chairs.

IF YOU WISH TO BOOK THE LANDMARK MOTOR INN, DO IT AS SOON AS POSSIBLE. SEASIDE MOTELS GET CONVENTION AND SUMMER BOOKINGS AT A VERY EARLY DATE. NO MATTER WHERE YOU STAY IN SEASIDE, WE HOPE THAT YOU ENJOY THE AREA AND IT'S BEAUTY. COME AND VISIT US AGAIN.



LANDMARK MOTOR INN

441 2nd Ave.

Seaside, Oregon 97138

738-9581

Technical tips

HOMEBREW POWER FOR THE ICOM 2-AT (de KA2BKF)

Below is a schematic for a simple and inexpensive substitute for ICOMs DC-1 for use on the IC-2AT. Once you have the parts it shouldn't take more than an hour to build and test it. The circuit provides a stable 10.8 volt source for the HT over a wide range of input voltages. As shown, it can be used on a filtered DC supply or in the car with no noticeable line noise or hum.

This unit has some advantages over the commercially built model. The version from ICOM has an output voltage around 9.5v.. This one puts out 10.8 volts like the BP-5 battery pack for more power out. (about 2.3w as opposed to 1.9w). Another advantage is that one can put the input connector where it is most convenient as the back of the rig makes it awkward to use. The price is another important advantage.

The heart of the circuit is an 8v regulator chip. By inserting diodes in the ground leg, the output voltage can be raised because the regulator is led to believe it must increase its voltage to put 8v back into the sensing leg (ground leg) through the voltage drop in the diodes. Each diode inserted will raise the output voltage 0.7v. Putting in 4 diodes will raise the output voltage from 8v to 10.8v because those diodes will cut down on that 10.8, putting 8 volts into the chip to make it happy and think it is doing it's job right. The regulator used is rated at 1.5 amp maximum load and an absolute maximum input of 35v. If you have a heat sink you can put it on though it is not necessary. The circuit has to carry about 600ma.

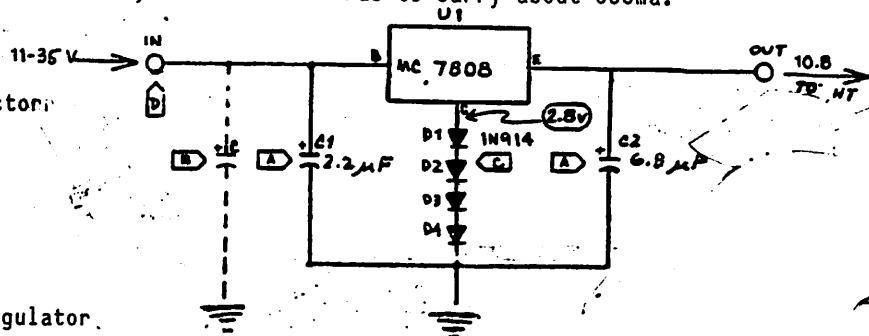
PARTS LIST:

- U1 MC 7808 8v three terminal positive connector
- C1 2,2uf 35 WVDC electrolytic
- C2 6.8uf 35 WVDC electrolytic
- D1-4 IN914

CONSTRUCTION NOTES:

- A Mount these capacitors as close to the regulator as you can.
- B Depending on the particular situation, extra input filtering may be needed. If you don't know where to start, try 100uf/35 WVDC.
- C Every diode added will raise the regulated output about 0.7v. $8v + (4 \text{ diodes} \times 0.7v) = 10.8v$.
- D The recommended input connector is a chassis mount coaxial power jack with the 0.085 inch pin. This is the size ICOM uses on their battery packs and fits the size of the plug used on their cigarette lighter mobile power cord.

If you have trouble, questions or suggestions, feel free to call me or write. My number is 609-882-8578. Bryan Fischberg, KA2BKF, 12 Forest Lane, Trenton, N.J. 08628. Good luck.



AN STS-9 CONTACT (by Carl Henniger, KA7GHR)

On Monday, Dec. 5, I programmed my Kenwood 7850 in my car to transmit on 144.190 and receive on 144.550. I was using a Larsen mobile antenna. The pass was in the afternoon and reported to be the best one for the Portland area. I listened for a bit, then called "Columbia, this is Kilo Alpha Seven Golf Hotel Romeo" on the odd minutes several times. There was no response and I never heard a transmission from Columbia.

On Tuesday morning, Dec. 6, Columbia was due over shortly after 8 AM PST. Since I participate in a net on 3.940, I monitored with an ICOM 2AT handheld. At 12 minutes after, PST, Columbia came on the air and was heard in Oregon and Washington loud and clear. I was determined to record his next transmission due just before 4PM PST. I backed my car out of the garage into the driveway, turned on the Kenwood and the cassette recorder and waited. At 3:56 PST, Dr. Garriott came on and said, Hello, Kila, Kilo Alpha Seven Golf Hotel Romeo and Kila Kilo Seven (static crash) Q, both of you are very strong on the same frequency." he stumbled on the word "Kilo" both times. I believe the second call was K7GUQ but it was hard to hear clearly because of a static burst.

I played my tape for a ham friend and unknown to me he reported my good fortune to the Associated Press in Portland. A reporter listened to the tape and put the story on the wire.

"HEY BABY, IT'S COLD OUTSIDE!!" ORDER A CLUB JACKET. BE READY FOR CONVENTION, FIELD DAY ETC.. CALL AT 644-0752.

OTVARC's New Reservoir of Expert Orienteers!

On January 25 OTVARC acquired a new group of map & compass experts. After attending the fun and informative course held by the Clackamus Co. Sheriff Dept. the following members are going to be real tough competition on future Sink the Bismarks and Bunny Hunts! Also one (unnamed) person below has no excuse the next time he gets lost trying to find the South Saddle Repeater!

KA7HJT	RANDY	WB7REC	DAVE
N7DUJ	ROY	N7DCQ	JOHN
KR7Z	DAN	KZ7T	RANDY
KA7KBH	GENO	N7DJE	RANDY
WB7FJC	JANET	N7CRQ	MARK

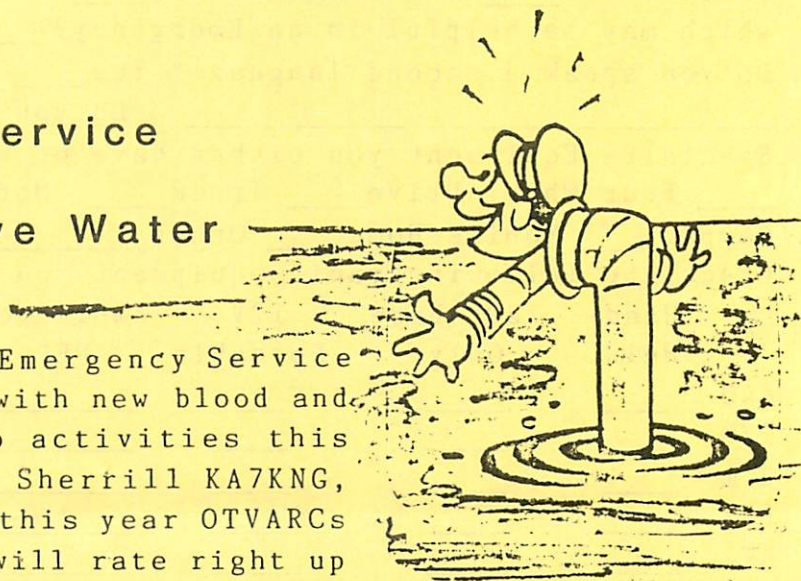
And also a soon to be ham, JAMES RYAN, currently enrolled in Randys Novice Class. Super to have such a great turnout! There are still more classes to come in the months ahead. Such topics include: Crime Scene Preservation, Outdoor Survival, Man Tracking (N7CZY has called me three times asking when this class starts!), Cold Weather Injuries and the Structure of Search and Rescue Operations. All promise to be alot of fun and very good information to know whether we are called for an Emergency or not. Contact KZ7T, KA7KNG, or N7CRQ for more details.

Public / Emergency Service

Committee Plunges Above Water

As the new year rolls in the Public/Emergency Service Committee is off to a roaring start with new blood and ideas to make a big splash in club activities this year. In a team effort Randy KZ7T, Sherrill KA7KNG, and Mark N7CRQ promise to help make this year OTVARCs Best with superfun activities which will rate right up there with the Annual Picnic and Rusty Key Night. To insure that you don't miss out on any of the excitement we are requesting that you please fill out the form on the reverse of this page and send it to OTVARC or bring it to the next club meeting. If you've already filled one out in the past we would very much appreciate it if you would please fill out another one to help update old information. We're still working on getting the committee organized and starting in March we are planning to have regular committee meetings on the first Sunday evening of every month. Anyone interested in helping on the committee are invited to participate. Please contact Randy KZ7T (297-1175), Sherrill KA7KNG (658-2403), or Mark N7CRQ (245-1230) for more info.

THANK YOU!



Emergency Service Information Form

Name _____ Call _____ Home Phone _____
Street Address _____ Work Phone _____
City _____ State _____ Zip Code _____

If an emergency arose, could you be released from work quickly? Yes _____ No _____

Do you have any First Aid Training? Yes _____ No _____ If yes, what level _____

Would you attend First Aid classes if offered to you? Yes _____ No _____

Have you had any Oregon State Sheriff Certification training? Yes _____ No _____

Would you attend classes for Emergency Service Training? Yes _____ No _____

Do you have any teaching skills in the area of Emergency Services or Radio Communication you would be willing to teach? Yes _____ No _____ If yes, type _____

In an emergency situation, would there be any other group which may call upon you for assistance? Yes _____ No _____ If yes, what group? _____

Do you have any physical disability or other condition which would limit your activity in an Emergency? Yes _____ No _____ If yes, explain _____

Are you a smoker? Yes _____ No _____

In case of an Emergency, who should be notified? _____

Relationship _____ Address _____

City _____ State _____ Phone _____

Speciality Skills: Pilot _____ Mountain Climber _____ Hiker _____ Ski-Patrol _____

Scuba Diver _____ Registered Nurse _____ Doctor _____ Other experience you have

which may be helpful in an Emergency? _____

Do you speak a second language? Yes _____ No _____ If yes, which language _____

Do you know sign language? Yes _____ No _____

Specialty Equipment you either have or would have access to immediately: Plane _____

Four Wheel Drive _____ Truck _____ Motorcycle _____ Boat _____ Snow Mobile _____

Camper _____ Mobile Home _____ Other _____

Check the following radio equipment you would have available in an Emergency:

	Hand- Held	120V Base Only	12V Portable	Amplifier/ PEP	Antenna Port./Fix./Mobile	Freq. Restriction? (list)
440	_____	_____	_____	_____	_____	_____
220	_____	_____	_____	_____	_____	_____
2 m	_____	_____	_____	_____	_____	_____
6 m	_____	_____	_____	_____	_____	_____
HF	_____	_____	_____	_____	_____	_____

Other type of radios: _____

List quantity of spare battery packs for above hand helds: _____

Do you have a portable generator? Yes _____ No _____ If yes, what size _____

Do you have any 120VAC to 12VDC power supplies? Yes _____ No _____ If yes, amps _____

Do you have a portable 12VDC Scanner? Yes _____ No _____ If yes, coverage _____

If an Emergency arose, how soon would you be able to respond with above listed equipment and other necessary provisions if you were at home? _____ At work? _____

Are you a current ARES member? Yes _____ No _____ If yes, card expiration date _____

Are you interested in helping in Public Service type events? Yes _____ No _____

Please include with this any additional comments and suggestions you may have for the Public/Emergency Service Committee. Thank you for taking time to fill out this form.

MEMBERSHIP FORMS-A SPECIAL REQUEST

Since the club was formed, we have had about five different types of membership applications. Each one being an improvement over the prior forms. Just as there have been many changes in the club, so have there been in many members interests, address, occupation, ARRL status, committee work availability and etc.. What we would like is an update on each member. Even if you may have joined the club 6 months ago, you may now have formed an opinion on what committee you would like to help or, perhaps, feel more informed on what type of club activities interest you. To make a long story short, we would like EVERY member to fill out a new form.

The forms ARE used by various factions and are very important in future planning. The club rosters accuracy, newsletter items, based on indicated interests, ARRL status in order to maintain our affiliation and the various committees are directly effected by the forms.

WHAT'S IN IT FOR YOU? Well, aside from the indicated items, we are throwing in a TEASER to make it a little more interesting for you to take the time to do this.

A PRIZE

We will have a drawing at the February meeting for those of you who have mailed or turned in, by drawing time, your form. The prize will be well worth your minutes spent in filling out the form and, if you choose to mail, the 20¢ stamp!

You DO NOT have to be present to win! When your form is received we will tear off a ticket and write your call on it. The object is to get the forms RETURNED. Not to increase meeting attendance.

ELIGIBILITY TO WIN: Your form must be in the club secretarys hand prior to the drawing. The form must be filled out completely with the exception of date and member number. The comments and suggestions area of the form are optional! But, if you do have something to say, we ask that it be brief and of a positive nature. ALSO: You must have paid your dues for 1984!!!!!!!!!!!!

CHANCES OF WINNING: They are VERY GOOD! Tradition says that if we ask for a response, without an SASE, we may expect a return of about 20%. The December questionnaire is proof of this. Of the 216 members we have, to date, received 70 forms!

So there you have it. The need, the request and the award. We thank you, in advance, for your co-operation.

PRIZE UPDATE: The lucky winner will take home a LUXO-LUMALITE type of lamp. It is a swing-arm, flourescently lighted lamp with a very large magnified view. A super accessory for the project builder! Especially so if you wear 'specs' and/or are into soldering or inspecting small parts. The retail value is around \$80.00, depending upon who you buy from. Please get this piece of paper returned ASAP. We, as a club, NEED IT. Good luck on the drawing!!!!!! Your Secretary: Linda, N7CZY.

CUT

OREGON**TUALATIN****VALLEY****AMATEUR RADIO CLUB**Po Box 5132 Beaverton, Oregon 97006

Annual dues: \$5.00 + a one-time fee of \$2.00 for
computerized roster listing. Please remit \$1.25 times
remaining quarters in the year + \$2.00.

Amount X Date _____ Member # _____
(club use)

NAME _____ CALL _____ LICENSE CLASS _____

MARRIED? YES _____ NO _____ IF MARRIED-SPOUSE FIRST NAME _____

ADDRESS _____ CITY _____ STATE _____ ZIP _____

HOME PHONE _____ WORK PHONE _____ OCCUPATION _____

_____ IF RETIRED-PAST OCCUPATION _____

ARRL MEMBER? YES _____ NO _____ LIFE? _____ IF NOT-WILL YOU JOIN? YES _____ NO _____ ?? _____

INTERESTS: SSB _____ CW _____ RTTY _____ SSTV _____ VHF/UHF _____ OSCAR _____ MARS _____ DX _____

CONTESTING _____ TRAFFIC _____ BUILDING _____ EXPERIMENTAL _____ COMPUTERS _____ Dfing _____

OTHER HOBBIES _____

WHAT TYPE OF CLUB ACTIVITIES INTEREST YOU _____

ARE YOU WILLING TO HELP ON A COMMITTEE? YES _____ NO _____ WHAT TYPE?---SOCIAL _____

CONTEST _____ TECHNICAL _____ PUBLIC RELATIONS _____ EMERGENCY/PUBLIC SERVICE _____

ARE YOU WILLING TO BE OF HELP FOR PUBLIC SERVICE ACTIVITY? YES _____ NO _____

COMMENTS-SUGGESTIONS _____

PLEASE MAKE CHECKS PAYABLE TO OTVARC(over) 

Ron Cooper

Owner

Creative Computer & Electronics

Beaverton Mall
3275 S.W. Cedar Hills Blvd.
Beaverton, OR 97005

(503) 644-1160

FRANKLIN ACE1000 and ACE10



HAM SPECIAL!

FRANKLIN ACE 1000 Package Promotion

INCLUDES

**Franklin Ace 1000 Computer
Disk Drive
80 Column Card
Acewriter II
Ace Calc Spreadsheet
12" Green Monitor**

WAS: \$1795.00

NOW: \$1495 (cash)

ASK FOR RON N7FQU

The perfect combination—the Franklin ACE 1000 computer and Franklin ACE 10 disk drives. Professional quality products with the reliability and performance to meet the most demanding business applications.

Apple® II Compatible

The Franklin ACE 1000 is hardware- and software-compatible with the Apple II. Yet, this sleekly designed personal computer has many features not found on the Apple unit, features that make a difference, features that include upper and lower case, a typewriter-style keyboard and 64K of RAM. The large memory permits the ACE 1000 to accommodate VisiCalc® and CP/M®-based programs.

Franklin ACE 1000 users can choose from the enormous selection of Apple II programs and peripherals. All programs written for the Apple II will run on the Franklin ACE 1000 without modification, including those using high resolution black and white graphics. The ACE 1000 is plug-compatible with Apple, allowing peripherals designed for the Apple II to operate on the ACE 1000.

Upper and Lower Case

The ACE 1000 has true upper and lower case capabilities. The 72-key keyboard also includes an alpha lock key, a numeric pad and keys with special designations such as period, plus, minus, greater than (go to) and asterisk (multiply) that are frequently used with VisiCalc. Other fea-

tures of the Franklin ACE 1000 include a joystick/game paddle connector, a speaker and eight peripheral connectors.

And Plenty of Power

Franklin has eliminated the power and overheating problems that sometimes trouble competing units. A built-in fan and a 50-watt power supply permit all eight peripheral connectors to be used simultaneously without concern about overloading.

Franklin ACE 10 Disk Drives

Franklin ACE 10 disk drives (sold separately) are ideal companions to the Franklin ACE computer. They read and write any Apple II-compatible diskette. ACE 10 drives are available with a controller to provide a complete subsystem. The controller, which accommodates two drives, plugs into a peripheral connector in the ACE 1000 computer. It may be used with both DOS 3.2 and DOS 3.3 and includes a built-in disk drive exerciser.

Franklin ACE Features

- Apple II compatible
- 64K of RAM
- Upper and lower case
- Typewriter-style keyboard
- 12-key numeric pad
- Alpha lock key
- VisiCalc keys
- 50-watt power supply
- Built-in fan



FOR SALE:- MFJ model 751 tuneable SSB/CW audio filter.
Like new. \$25.00
New, in the box, Kenwood HS4 headset. \$9.00.
Misc. new and used tubes for Drake TR4/TR4C.
(call for prices) Bob, K6RH. 648-1248

FOR SALE: CRT terminal, Lear-Siesler ADM-3A "glass teletype" - \$300.00
ASR-33 teletype - \$100.00. Both in excellent condition.
Need funds for Ham gear. Call Jim W7J01, evenings 639-7138

VISIT YOUR LOCAL RADIO STORE

Heathkit
ELECTRONIC CENTER

Brian Hawkins
Manager

Heathkit Electronic Center
516 SE Chkalov Dr. #1
Vancouver, WA 98664
(206) 254-4441

Advanced Class Amateur

Radio License Course



\$49⁹⁵

- Well-organized to make most efficient use of your time
- Join the growing numbers of Advanced-rank operators
- We guarantee that you'll pass your FCC exam the first time - so sure in fact, that we will refund the cost of the program if you fail to pass after completing the enclosed optional final exam. That's confidence!

NII NORVAC ELECTRONICS



SEMICONDUCTORS
CAPACITORS
RESISTORS
WIRE
CABLE
ENCLOSURES
CONNECTORS
TRANSFORMERS
PANEL METERS
FANS
TEST INSTRUMENTATION
TUBES
HANDTOOLS
TOOL CASES
TUBING
FUSES
BATTERIES
POWER SUPPLIES
LAMPS
CHEMICALS
SOLDER SUPPLIES

SOLDER/DE-SOLDER TOOLS
BREADBOARDS
WIRE WRAP TOOLING
KEYBOARDS
SOCKETS
SPEAKERS
POTENTIOMETERS
MICROPHONES
CRYSTALS
ELECTRONIC HARDWARE
PHOTOFACTS
P.C. BOARD SUPPLIES
TECHNICAL PUBLICATIONS
TECHNICAL PERIODICALS
SOFTWARE
8100 BOARDS
OUTLET STRIPS
LINE FILTERS
CONVERTERS
ANTENNAS

Telephone: 503/644-1025
12905 S.W. Beaverdam Road
Beaverton, Oregon 97005



I wish to thank you for your buying dinner at the last meeting. The RAFFLE TICKET for a meal will be continued indefinitely, lets continue to beat ADM out of his drawing prize. I wish to emphasize that the ELKS have not threatened us if we did not purchase meals. It was my idea to help stimulate meal purchases by offering the ticket. The resulting increase in meal sales would show the ELKS that we did appreciate their hospitality. If I had given the wrong impression please accept my apology.

The MAGNIFYING LIGHT drawing prize for those who return new membership applications will be at the meeting FEB 8 and the drawing for it will be held at the end of the meeting. Please get your form turned into Linda so that you will be included in this special drawing. You don't have to be present to win, but we sure would like to see you there.

Please remember the REGULAR meeting to be held FEB 15 at the PCC Rock Creek auditorium. The ByLaw committee is working very hard to review the constitution and bylaws to eliminate some of the problem areas that exist. We must have 1/3 of the membership there to conduct business so it is very important that as many of you that can attend do. It is very important also that you are aware of the changes so that you can vote on them the following regular meeting. Help me get these changes behind us so that we won't have the problems we have had in the past.

I think you will all enjoy the program at the FEB 8 meeting. bring your family, the neighbors or any one else who might be interested. There will be NO business conducted, just a few short announcements, a short break to set up the program and then the program. I look forward to seeing you at the meeting.

73, W7LJN

PORTLAND RADIO SUPPLY

SERVING THE ELECTRONICS INDUSTRY SINCE 1932

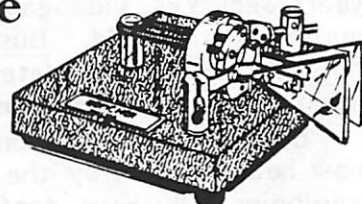
1234 S.W. STARK STREET • PORTLAND, OREGON 97205 • (503) 228-8647

**This
Month's**

Specials!

The Ultimate IAMBIC PADDLE...

- Full range of adjustment in tension and contact spacing
- Self-adjusting nylon and steel needle bearings
- Gold plated solid silver contact points
- Precision-machined, chrome plated brass frames
- Black textured heavy steel base
- Non-skid feet

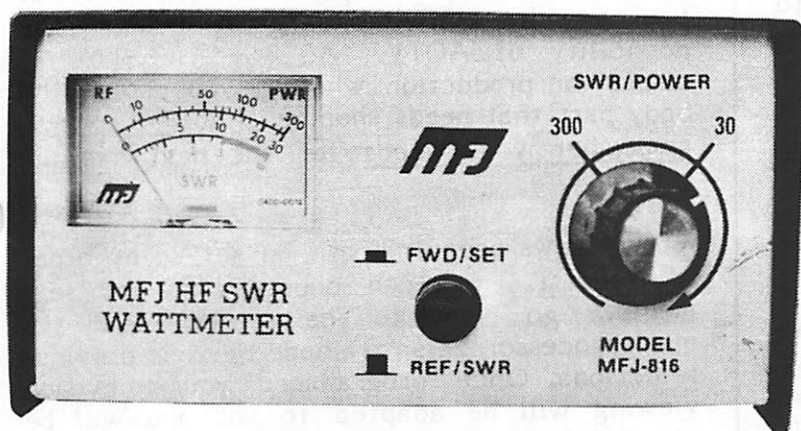


BENCHNER, INC.
333 W. Lake St., Chicago, IL 60606
(312) 263-1808

MFJ BENCHER Iambic Paddle BY2

Chrome Base, Gold plated contacts

Reg.: \$56.95 **SALE: \$49.95**



MFJ 816 SWR/Watt Meter

1.8 - 30 MHz

300 Watts

Reg.: \$33.95

SALE: \$28.95!

WOW!

QST QST QST QST QST QST QST QST QST QST
COMING SOON.....
KENWOOD DAY!

Watch our ad for date!

**SHOP WHERE EVERY DOLLAR
YOU SPEND HELPS SUPPORT YOUR CLUB!**

CUSTOMIZED TV BROADCASTING COMING!

Nolan Bushnell is perhaps the most noted name in sophisticated innovative digital black boxes. He has long messy hair, a beard ...and thinks at a level that is years ahead of anyone else. You probably know him best as the inventor of "Pong" the first videogame that simulated table tennis introduced a scant 12 years ago! Yes, videogames (like microcomputing) isn't that old. Bushnell went on to found Atari which he later sold to Warner Communications. The rest is history.

Bushnell has gone on to other things. He now heads a firm by the name of Catalyst Technologies. Without fanfare, he is quietly showing potential investors, production engineers and broadcasters another black box that he has come up with... a futuristic smart black box called ACTV. It's pronounced "Active" but a better name would be "Interactive."

It promises to allow the public to select what they want to see on TV. That is, variations of the same programming! ACTV will also allow broadcasters to "preselect demographics and psychographics" and direct their advertising and programming to a specific persuasion.

ACTV is based (naturally) on new sophisticated microprocessors and TV production methods. It is interactive as far as the consumer is concerned but is really a one-way transmission of multiplexed signals via normal transmission methods. What makes it unique is that viewers (or broadcasters) will be able to choose from the various multiplexed signal options.

A viewer, for example, would be able to choose from three other views of the same play during a football game... sort of like custom replays. As many as 16 different commercials could be transmitted during a single commercial break but the viewer would see only what the black box selects. You can even choose the "rating" of the commercial - from PG to X! (If no choice is made, you get the tame version.)

Some individuals will contract to allow their black box selections to be "dumped" to ascertain demographic and psychographic individual and community profiles - Ten dollar words that indicate who you are and what you like. Advertisers will pay more for custom audiences that are more likely to buy their products.

Among the program concepts on the horizon are interactive game shows, soap operas, adult drama, personal help shows... you name it! Only the imagination limits the possibility of ACTV. An exercise show is already in production whereby you choose the body part that needs shaping! And the TV will remember your needs for the next exercise session!

News programs can be set up by order of interest... you can choose expanded segments... go right to the sports. And the microprocessor gets "trained" by your previous selections. Once "programmed" your television viewing will be adapted to you and will be completely unlike anyone else's... even though you are listening to the same channel! Wild? You bet! But so was "Pong" back in 1972.

W5YI

FOR SALE

Kenwood TS 520 with CW filter and matching SP 520 VFO. An MC 50 mic is included. All in very good condition. \$475.00. Bob, KD7IH at 649-2149.

HW 101 W/PS, speaker, desk mic and in good condition. \$250.00 or offer.

HW 32A-20m SSB, W/PS & mic. Manuals & spare tubes. \$60.00 or offer.

Call Don Berger, W7HPI at 357-2782.

DRAKE C-LINE: T-4XC, R-4C, AC-4, DC-4, MS-4 and N-4B noise blanker. 160-10 meters with 'all three' WARC bands and 10 mhz WWV. 6 khz AM filter and 1.5, 0.5, 0.25 khz CW filters. All excellent condition with 2 manuals and new finals. \$650.00 with 3% of sale to OTVARC treasury. John Haide, WA7-CZA. Call, in the evening, at 246-8086. ~~\$19.50~~



HAVE YOU HUGGED YOUR OTVARC TODAY???



MEETING PROGRAM

We are fortunate to have been able to obtain the services of 'HI TECHNOLOGY VIDEO' for our February meeting. They are bringing a lot of show and tell equipment to demonstrate the latest in video and audio home entertainment systems. Like to know the real lowdown on the differences between Beta and VHS? How about the new laser disc method? Also included in the program will be a demo of some of the new audio systems now out. This will be a laid back program with a lot of question and answer built in. So! Be sure to step forward and be a part of the program. If you have any questions, step up and get them answered. CU at the 'program.'

LIGHTHEARTED LEXICON
Fishing enthusiast: Finatic

FOR SALE

TWO Drake C lines. One with solid state mod. \$500.00 each.
Yaesu FT 227R 2m FM rig. \$150.00
Pro-Comm headset. NEW. \$75.00
Hamm-4 rotor. NEW-in box. \$125.00
Call Mike Ault at 626-2022.

STOLEN RADIO: Auto ripoff of my ICOM 22S. Serial #62014622. Please call Mike Ault at 626-2022 if found.

WHO TO CALL FOR WHAT

PUBLIC SERVICE	Mark Cattell	N7CRQ	245-1230
CLUB CONTESTS	Jeff Freedman	K7JF	641-6636
PUBLIC RELATIONS	(needed)		
CLUB RAFFLE	Gino Buell	KA7KBH	646-7991
PROGRAMS	John Haide	WA7CZA	246-8086
TECHNICAL	Roger Steyaert	K7RXV	642-1419
WASH. CTY. EC	" "	" "	" "
CLUB SOCIALS	Paul Lucas	WB6SHR	641-8703
CLUB JACKETS	Warren Winner	W7JDT	644-0752
ARRG INFO	" "	" "	" "
CLUB BADGES	Linda Cereghino	N7CZY	643-5862
ROSTER CHANGES	" "	" "	" "
HAM CLASSES	Bob Orr	KB7CC	297-2732
ARRL MEMBERSHIP	John Burgess	N7DCQ	649-9095
CLUB LIBRARY	Susan Benson	N7EPE	640-1989
CLUB SCRAPBOOK	Doc Miller	KA7BSD	292-8090
CLUB QSL CARDS	Dick Powers	WB7ADM	655-6498
CLUB T-SHIRTS	" "	" "	" "
CONVENTION SECURITY	Doc Miller	KA7BSD	292-8090
	Linda Cereghino	N7CZY	643-5862
CONVENTION	Al Berg	WB7SIC	640-5456
NEWSLETTER	" "	" "	" "
ARRL ASSIST. DIR.	" "	" "	" "

CONGRATULATIONS

Randy, KZ7T, was just appointed as DEC (District Emergency Co-ordinator) for Northern Oregon. Randy is a real go-getter and WILL do a great job.

AREA LUNCHEES

Some of the members and particularly the newer ones may find this list of value. It is just one more way to get yourself acquainted with fellow club members and other hams in the area. The lunches listed are open to all hams. The red carpet's out.

TUESDAY: ARRG sponsored and is at Ginos Pizza on Cedar Hills Blvd. Usually starts about 11:30.

WEDNESDAY: Downtown Portland at the Yamhill Market. Again, 11:30 is the usual time. Mostly club members.

THURSDAY: Held at Elmers Pancake House in Hillsboro. Mostly club members and noon is early enough.

FRIDAY: Gringo's in West Slope caps the week. About noon for this one will do. Mostly club members here.

Hey LJN! How about starting a Monday lunch in the Tigard area? Might be a real winner. That still leaves Sat. and Sun. to dine at home. Not bad!!

The February 8 meeting is a "Special Meeting" and no business is planned. Sure hope this monkey business is soon over. "sigh".

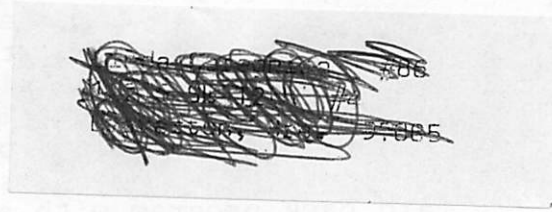
I KNOW I'M BEAUTIFUL!



OTVARC
P. O. BOX 5132
BEAVERTON, OR 97006



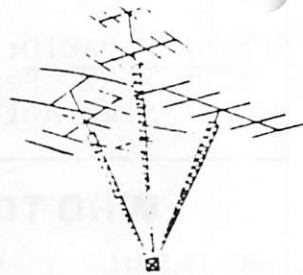
WOW
wait'll you see what's inside!



FIRST CLASS MAIL

ANTRONICS
OF OREGON, INC.

1% club rebate



18955 SW Blanton
Aloha, OR 97007
(503) 642-7373



COME IN & TRY THE

YAESU FT757GX
\$750*

*includes cash discount



Store Hours:
Monday: 6 PM - 10 PM
Friday: 6 PM - 10 PM
Saturday: 10 AM - 6 PM

Cash Discounts

New Equipment

Consignments

Service by appointment

Trade-ins

Surplus & Junque

We can open most anytime. Call first.